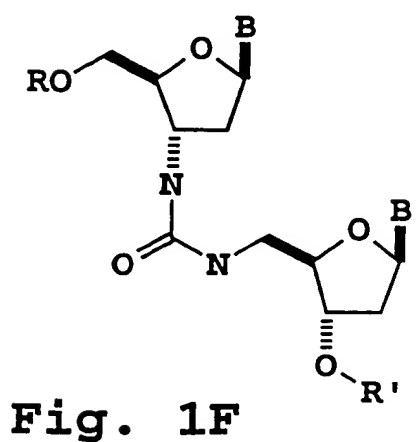
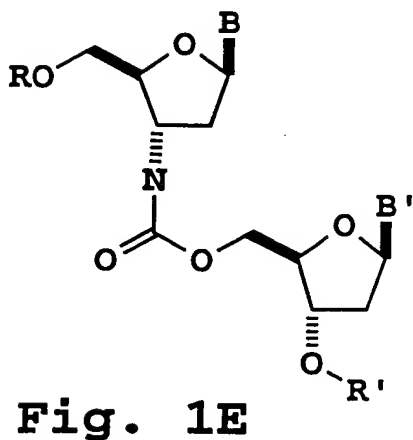
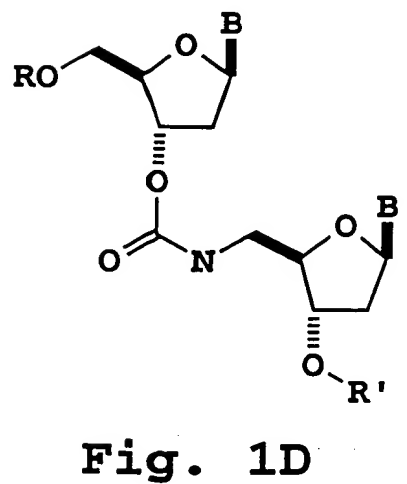
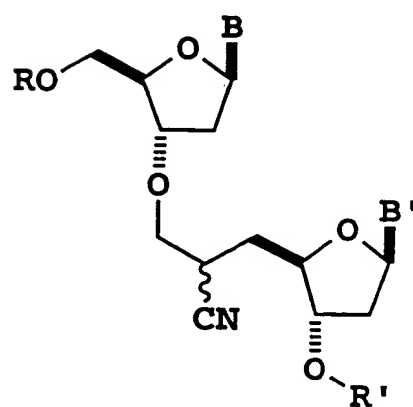
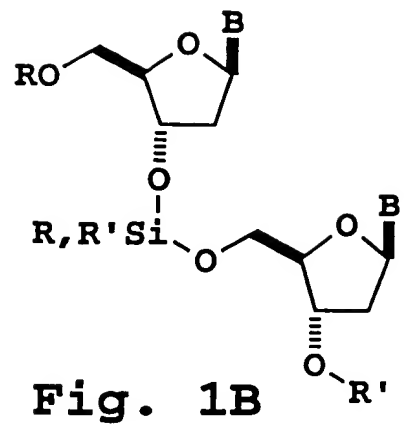
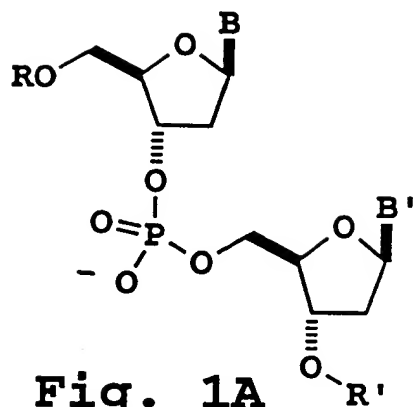


APPROVED	O.G. FIG.	
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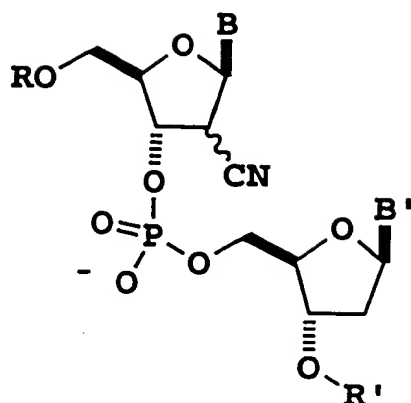


Fig. 1G

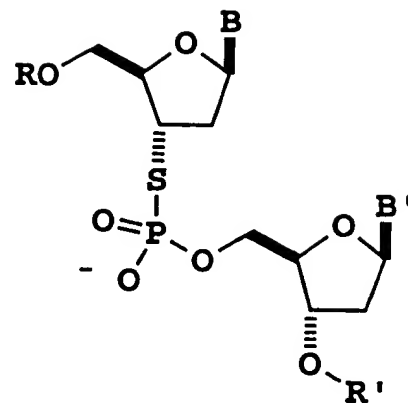


Fig. 1H

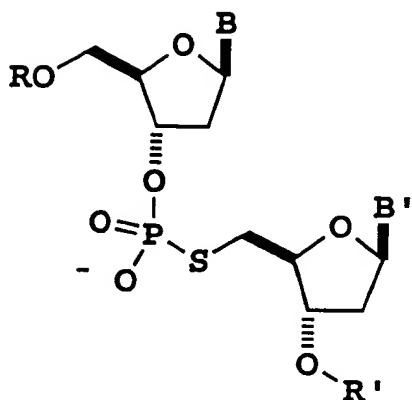


Fig. 1I

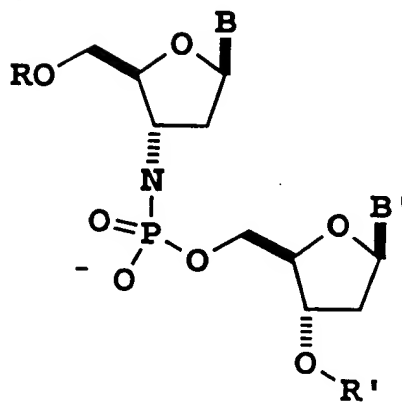


Fig. 1J

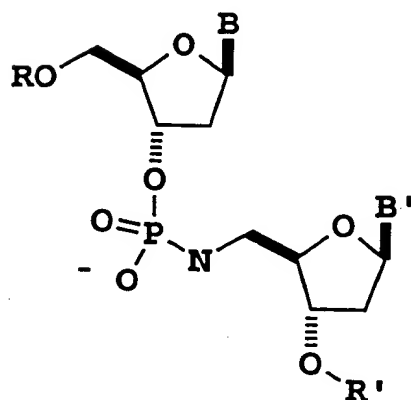


Fig. 1K

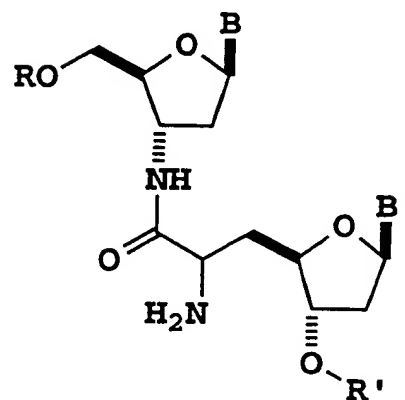
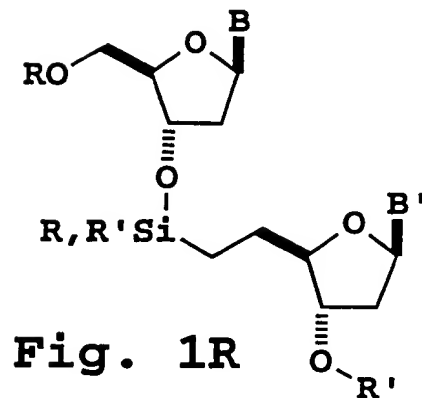
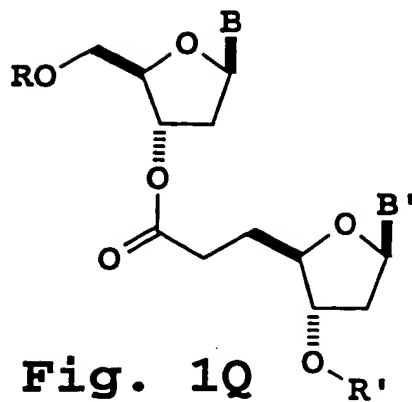
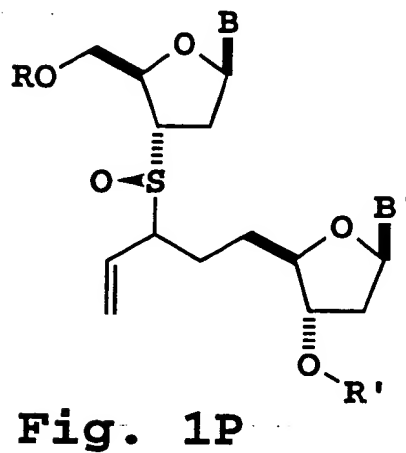
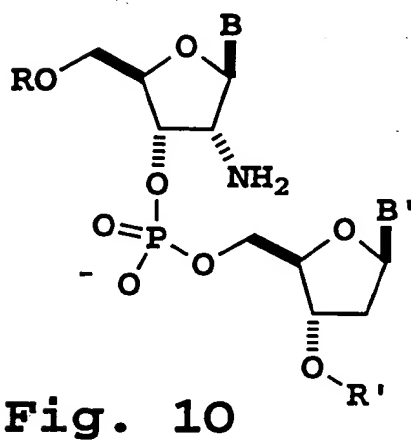
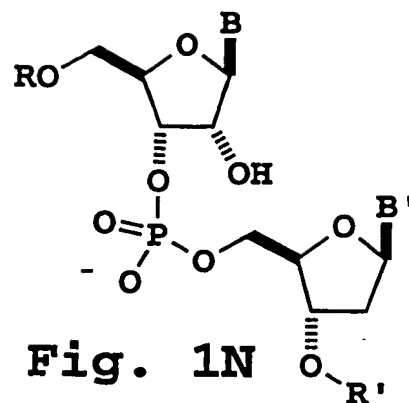
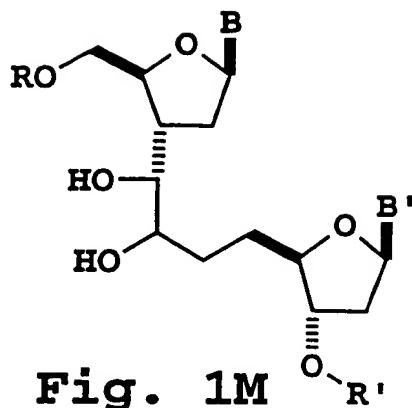


Fig. 1L

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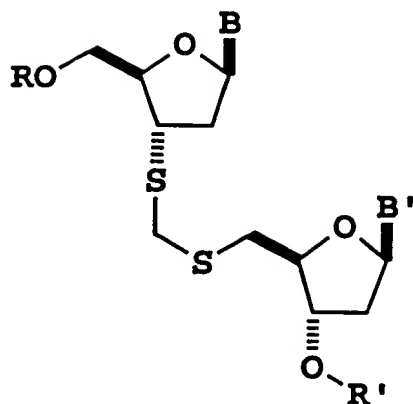


Fig. 1S

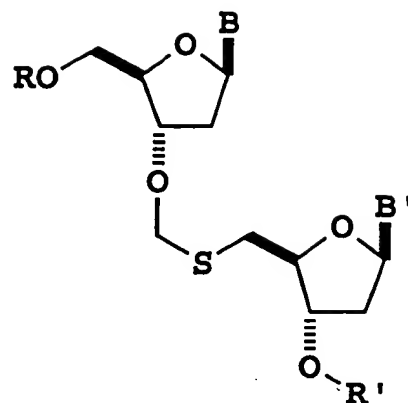


Fig. 1T

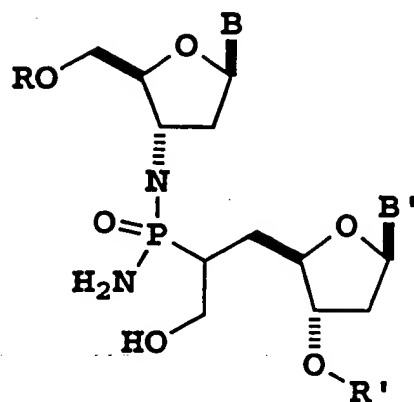


Fig. 1U

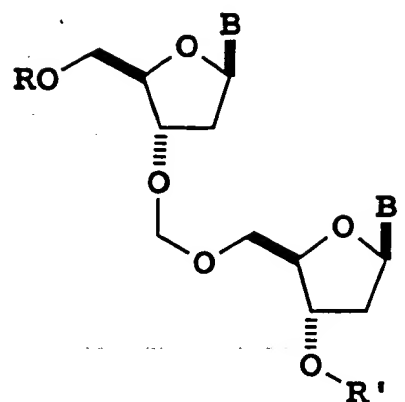


Fig. 1V

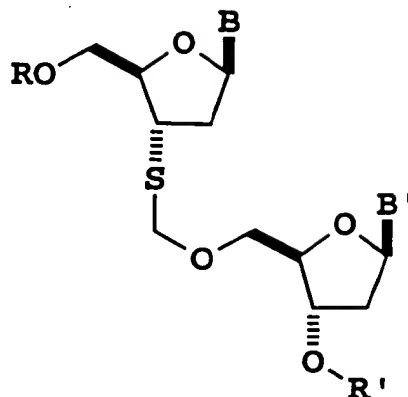


Fig. 1W

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APPROVED	O.G. FIG.	
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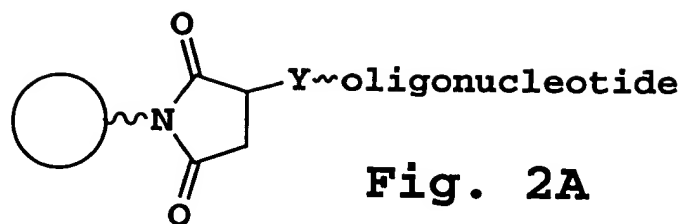


Fig. 2A

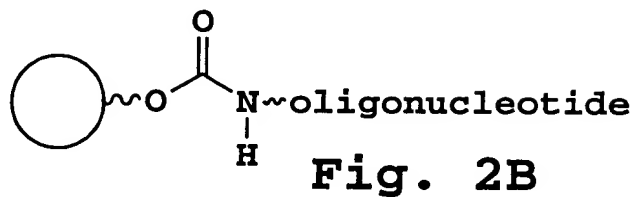


Fig. 2B

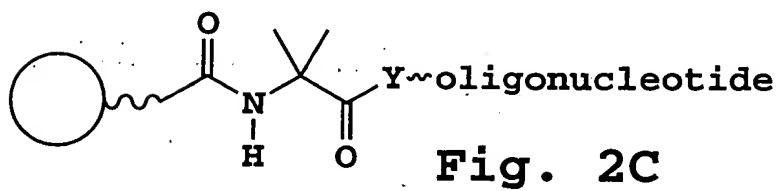


Fig. 2C

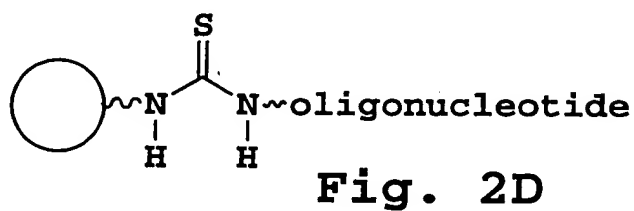


Fig. 2D

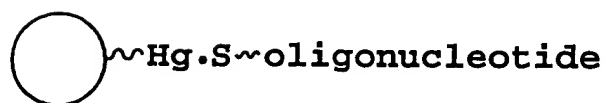


Fig. 2E

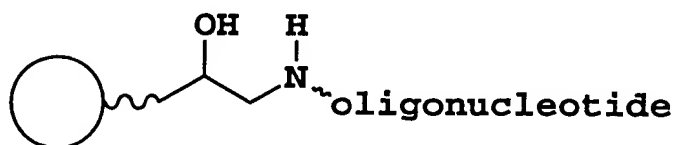


Fig. 2F

66500-986760

APPROVED	O.G. FIG.	
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Fig. 2G

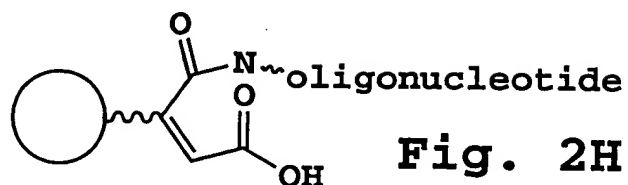


Fig. 2H

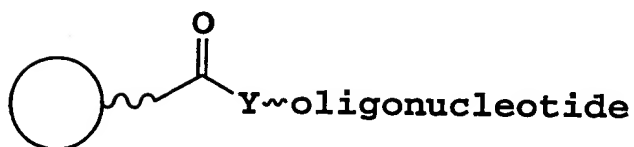


Fig. 2I

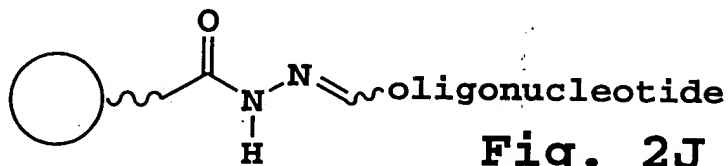


Fig. 2J



Fig. 2K

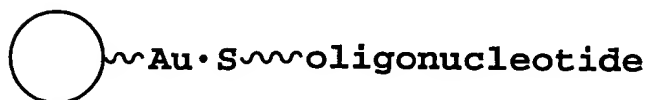
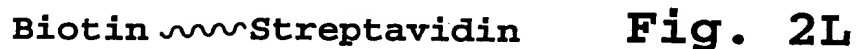


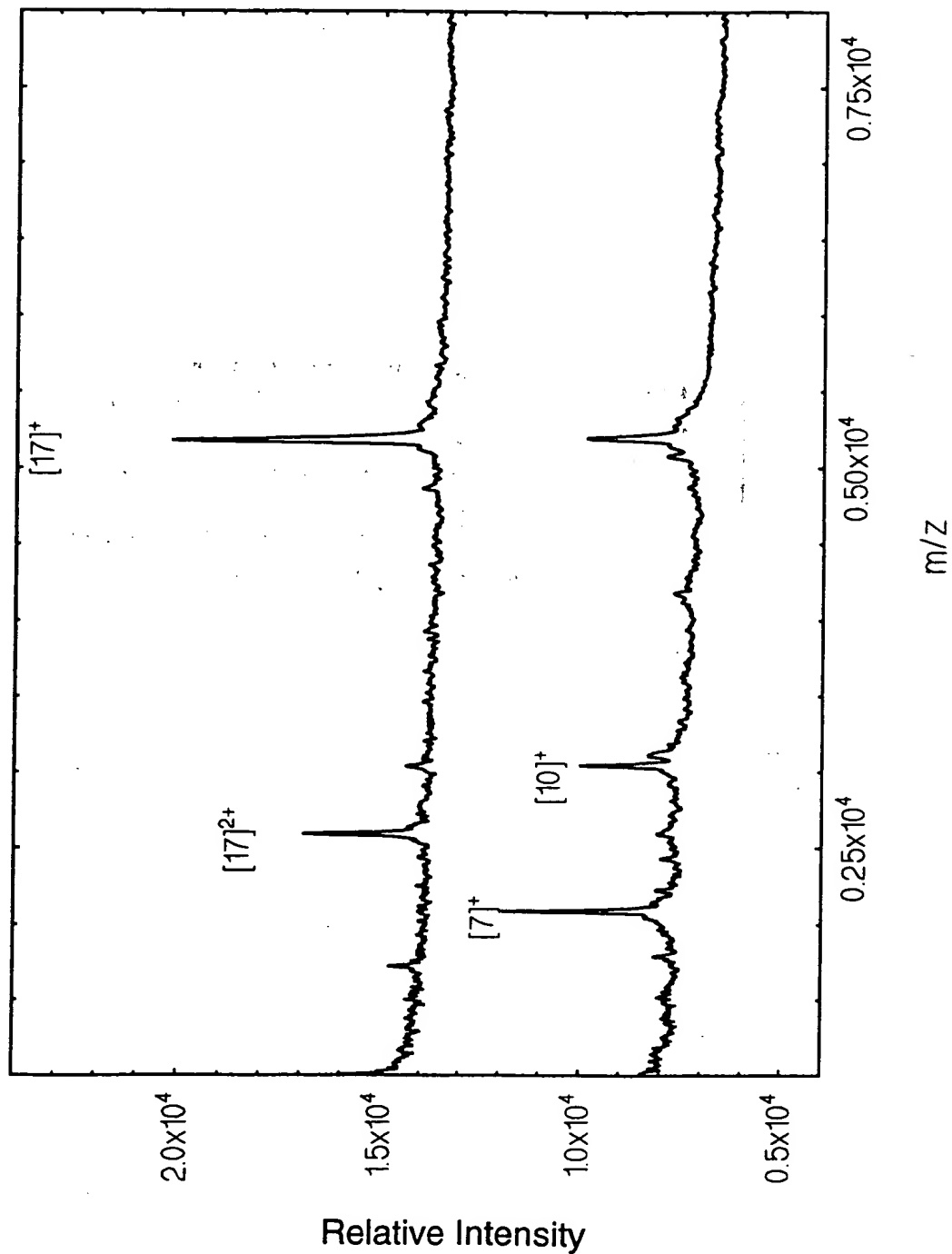
Fig. 2M

00139386-082500

APPROVED	O.G. FIG.	
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Fig. 3A

Fig. 3B



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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005250-9866750

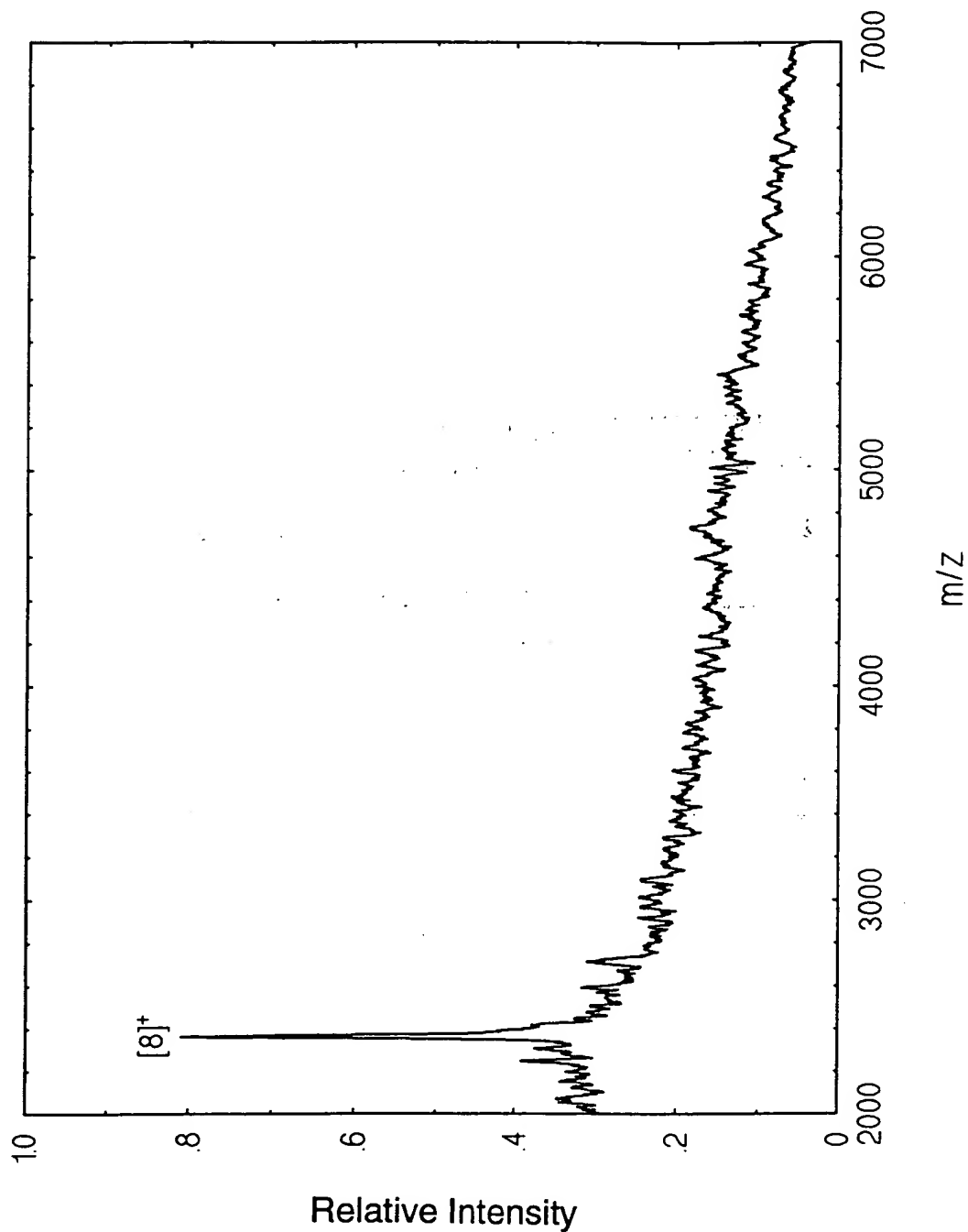


Fig. 4

APPROVED	O.G. FIG.	
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SECRET

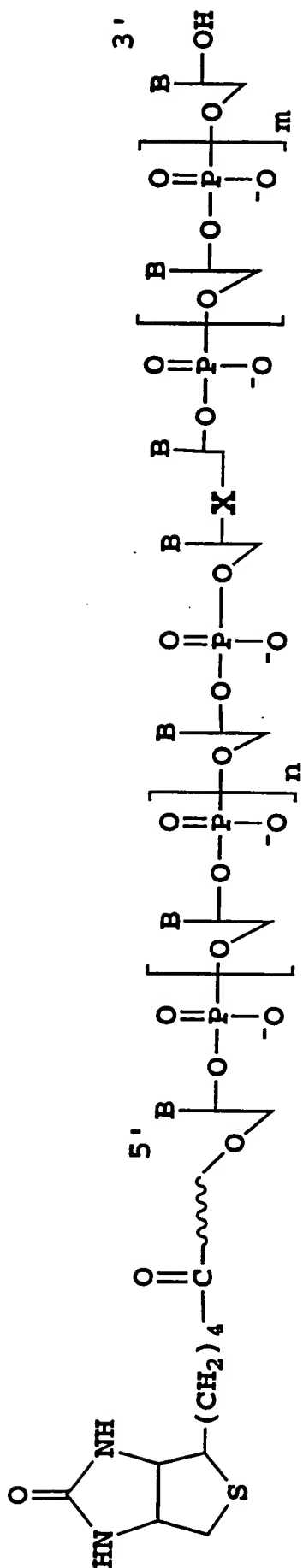


Fig. 5B

capture

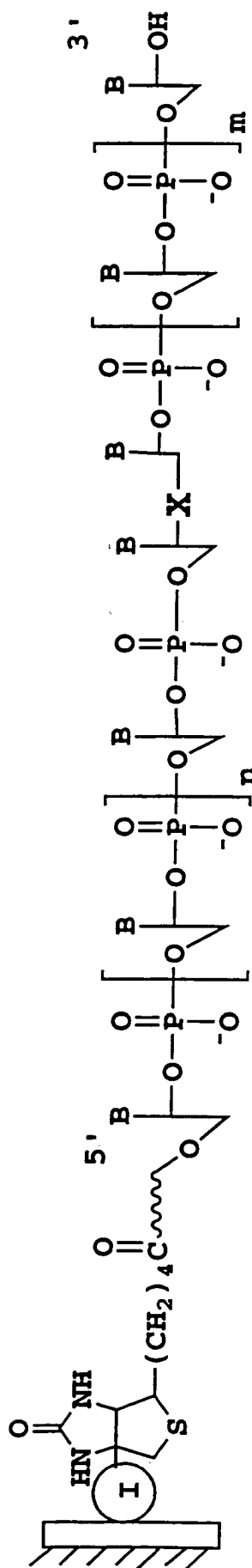


Fig 5C

005220-900000

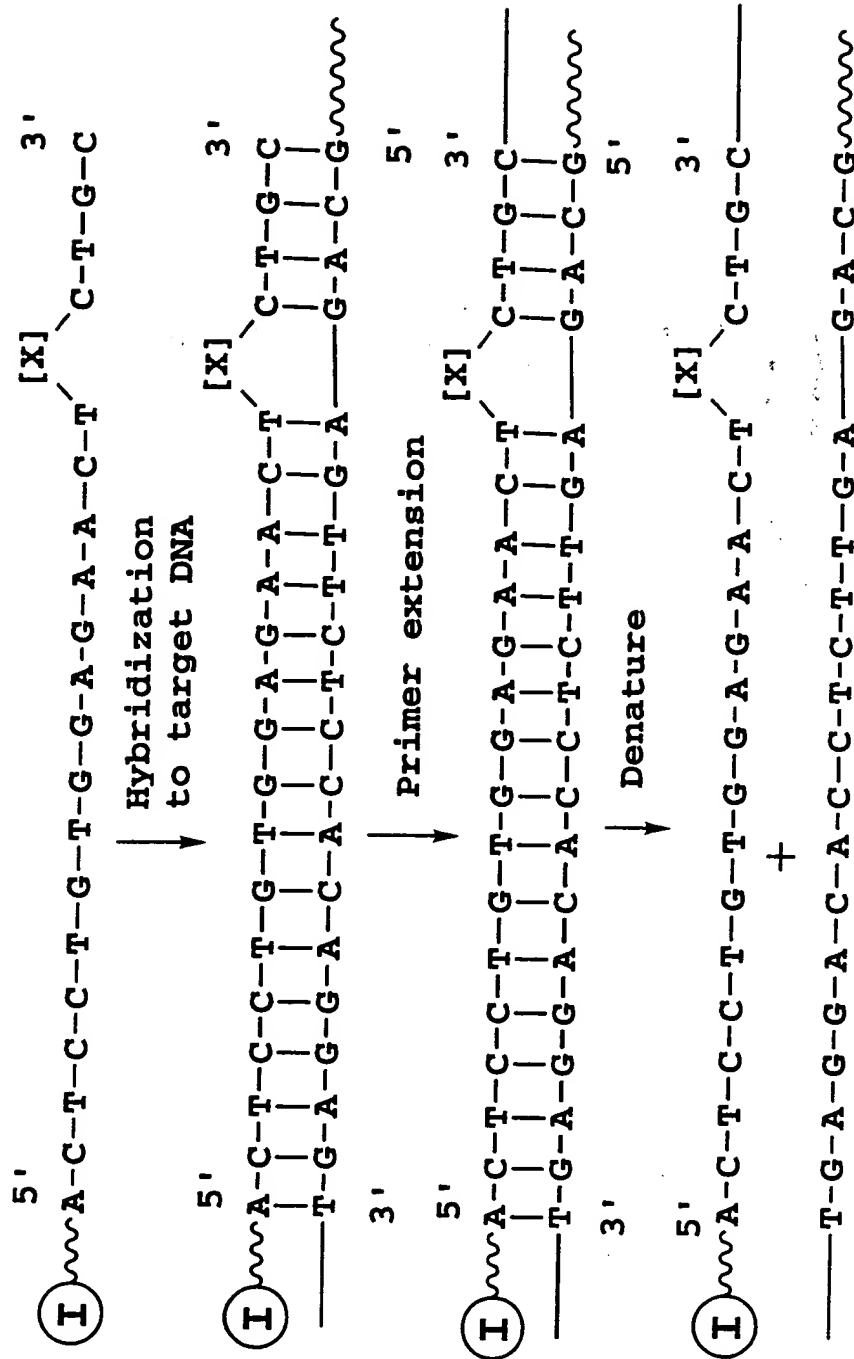


Fig. 6A

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

SECRET

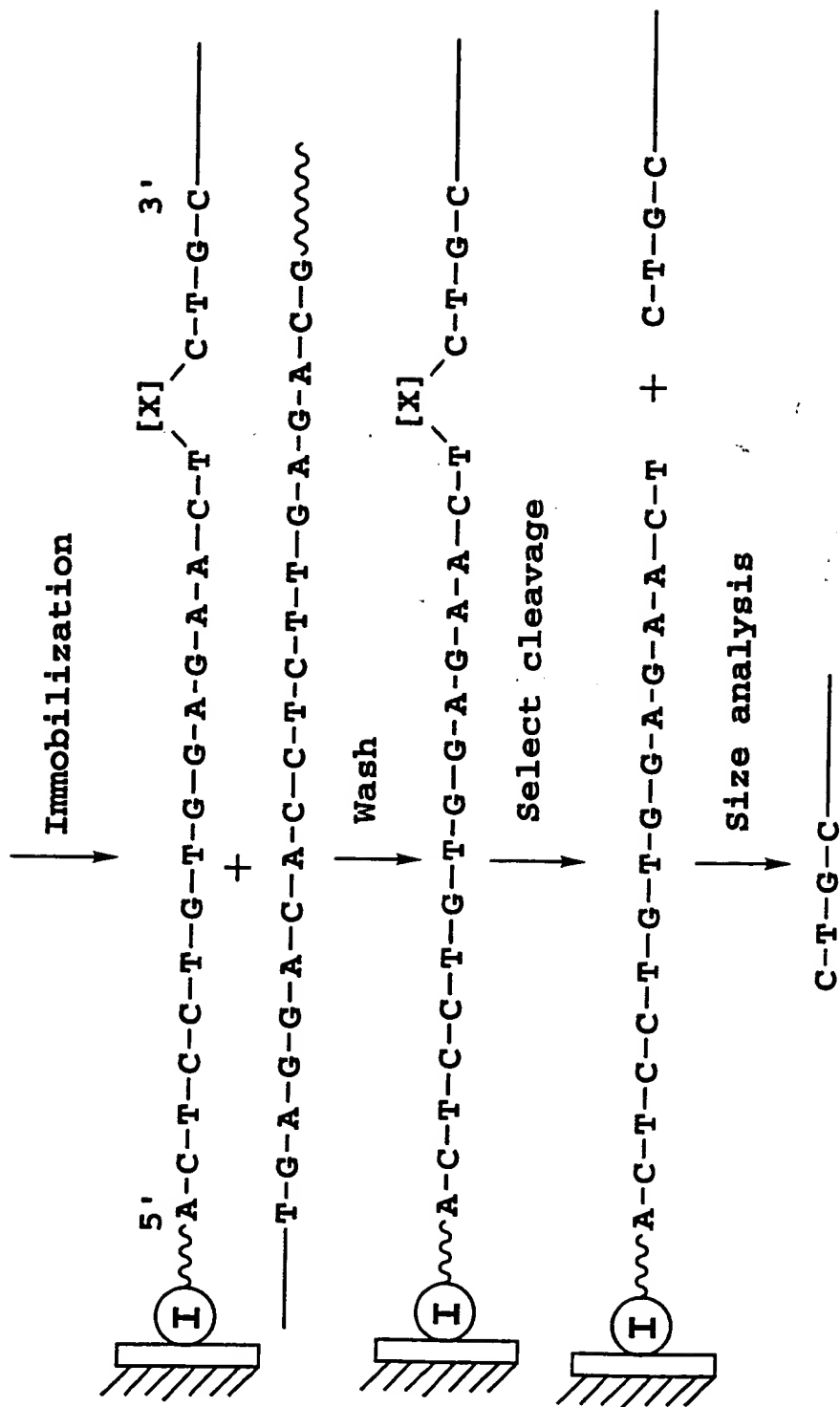


Fig. 6B

APPROVED	O.G. FIG.	
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TYPE OF HEMOGLOBIN	AMINO ACID SEQUENCE AND DNA NUCLEOTIDE SEQUENCE
-----------------------	---

A	-Pro-Glu-Glu -CCT-GAG-GAG-
---	-------------------------------

B	-Pro-Val-Glu -CCT-GTG-GAG-
---	-------------------------------

Fig. 7A

CONDITION	AMINO ACID SEQUENCE AND DNA NUCLEOTIDE SEQUENCE
-----------	---

NORMAL	342 -Thr-Ile-Asp-Glu-Lys-Gly-Thr- -ACC-ATC-GAC-GAG-AAA-GGG-A...
--------	---

α_1 -ANTITRYPSIN DEFICIENT	-Thr-Ile-Asp-Lys-Lys-Gly-Thr- -ACC-ATC-GAC-AAG-AAA-GGG-A...
--------------------------------------	--

Fig. 7B

001999-000000-000000

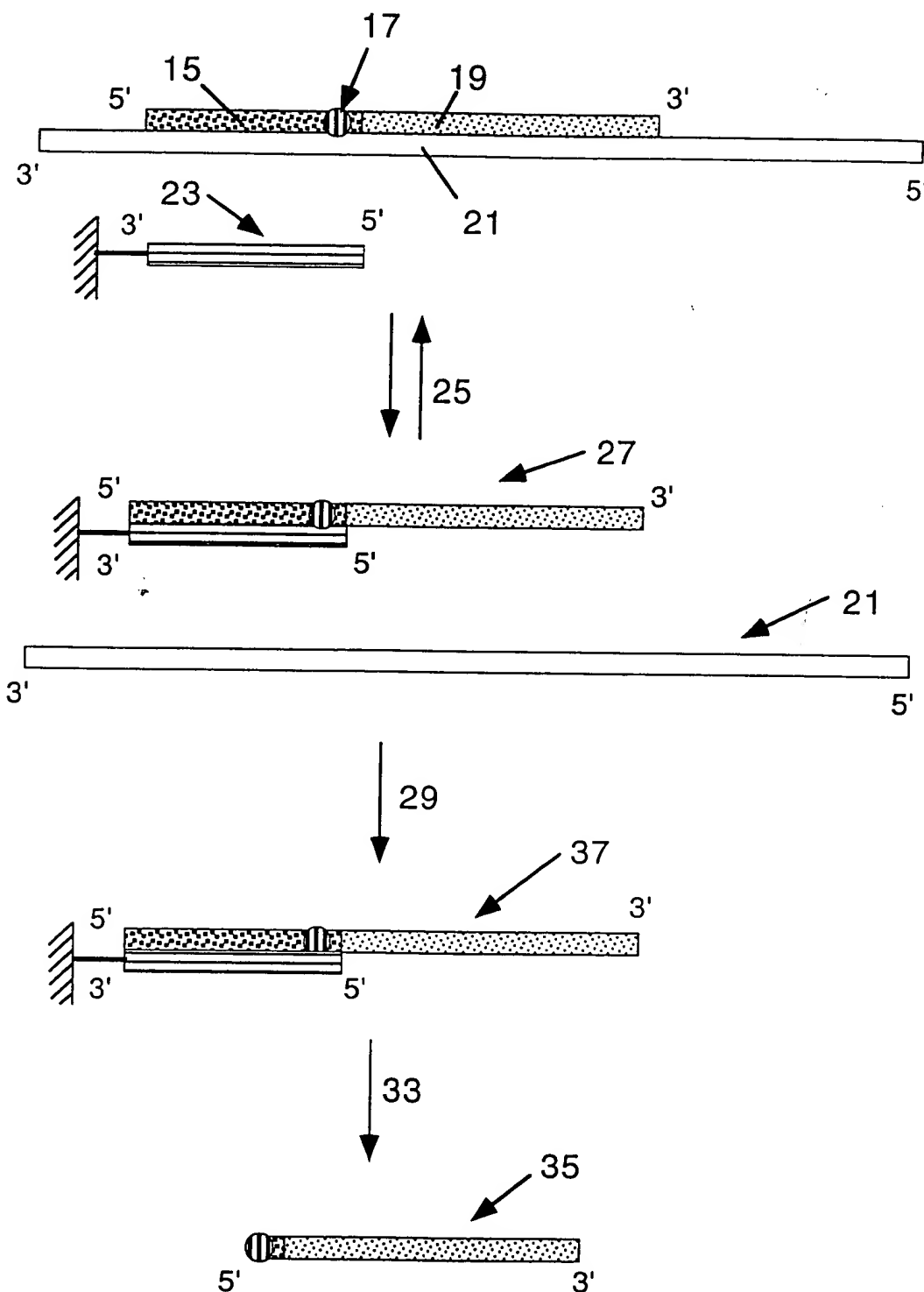


Fig. 8

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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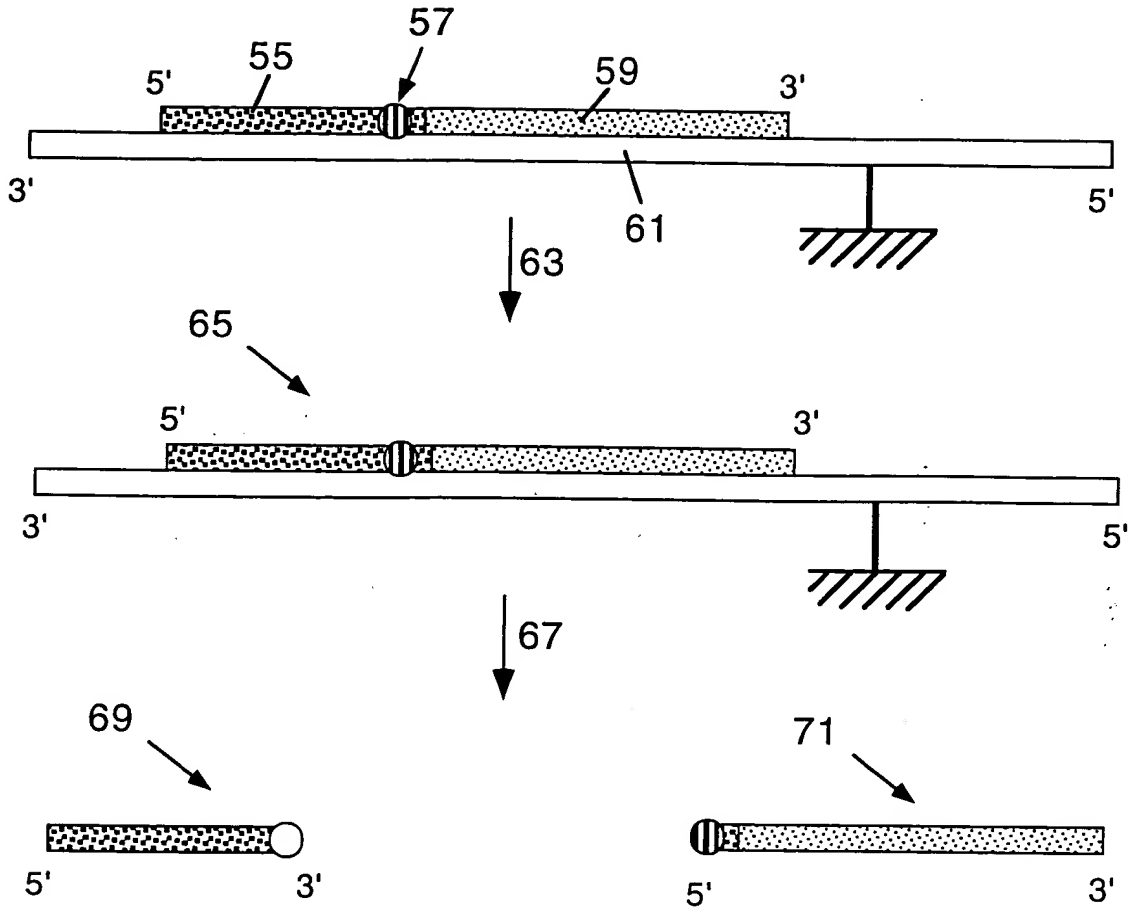


Fig. 10

0013030-9800100

APPROVED	O.G. FIG.	
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DRAFTSMAN		

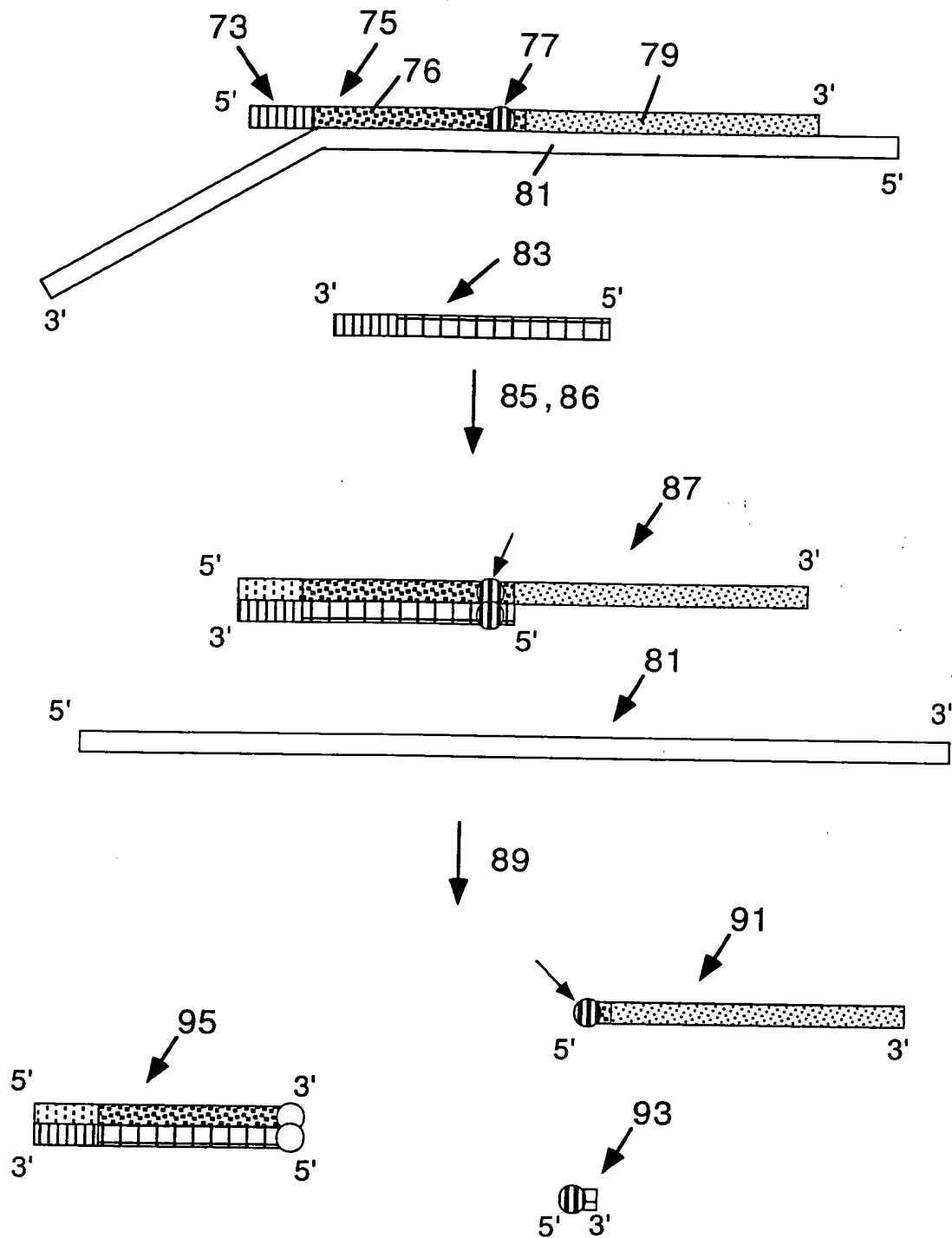


Fig. 11

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

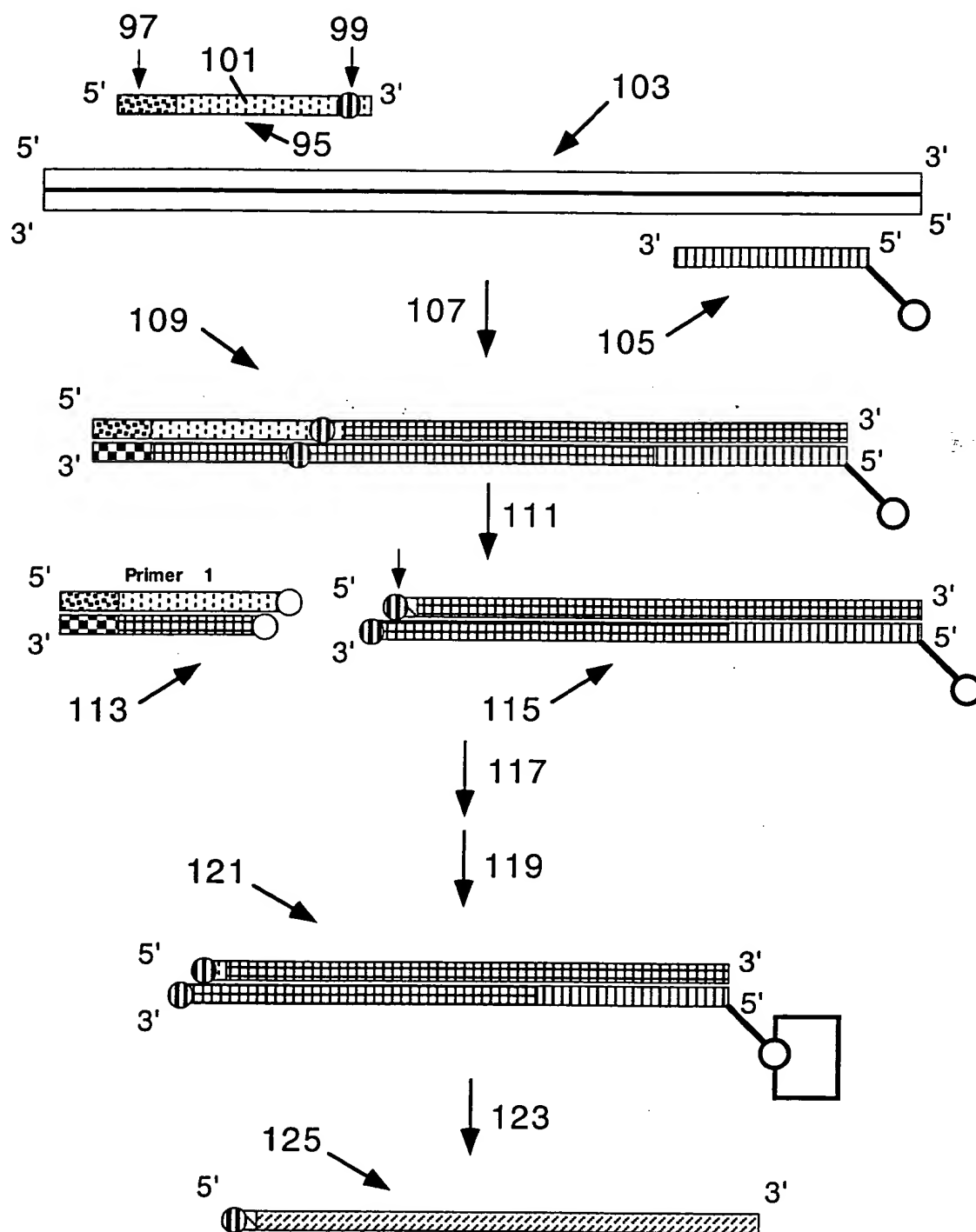


Fig. 12

0013036-08598

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

865280-9866T60

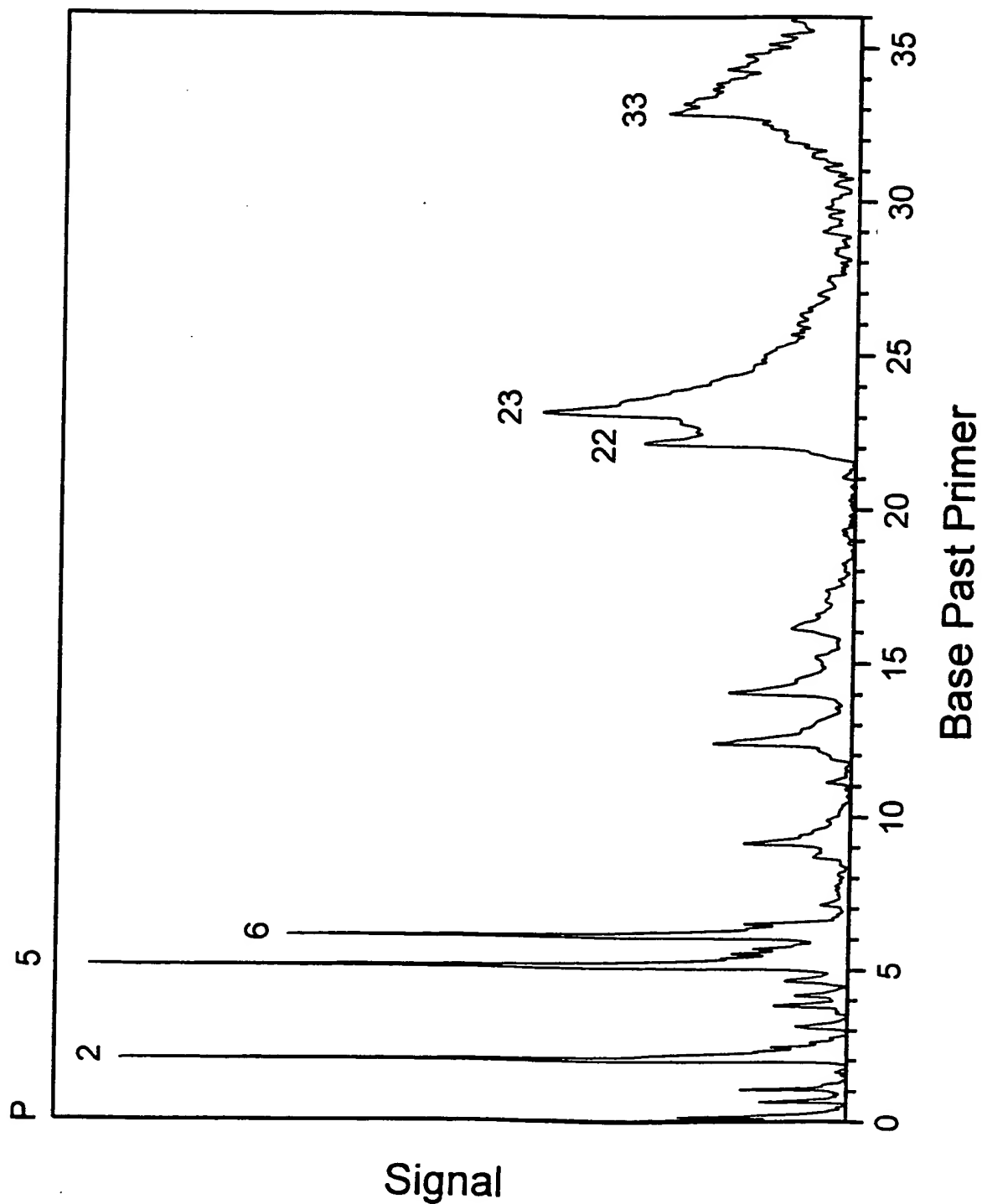


Fig. 13

365280-986E160

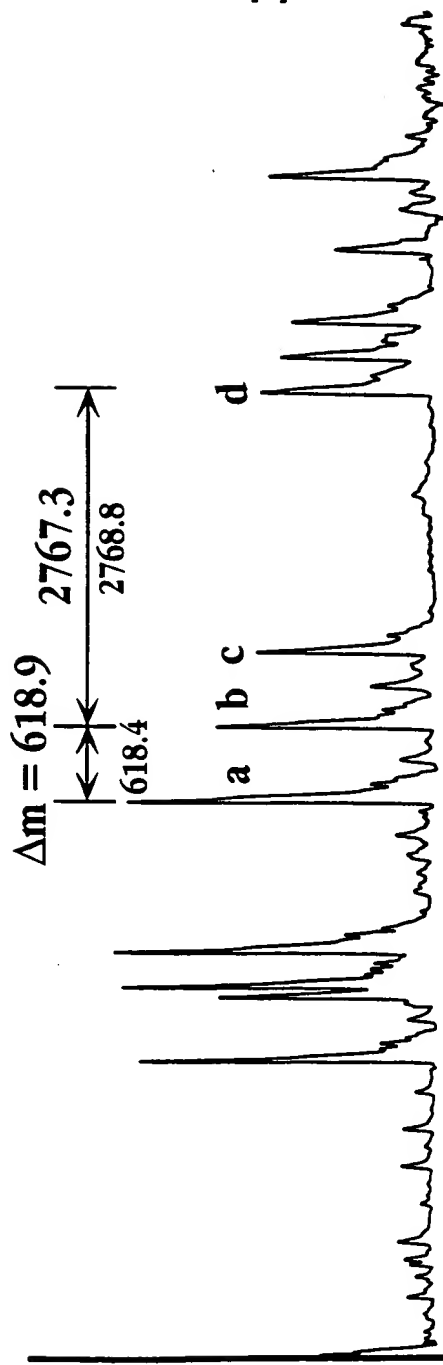


Fig. 14A

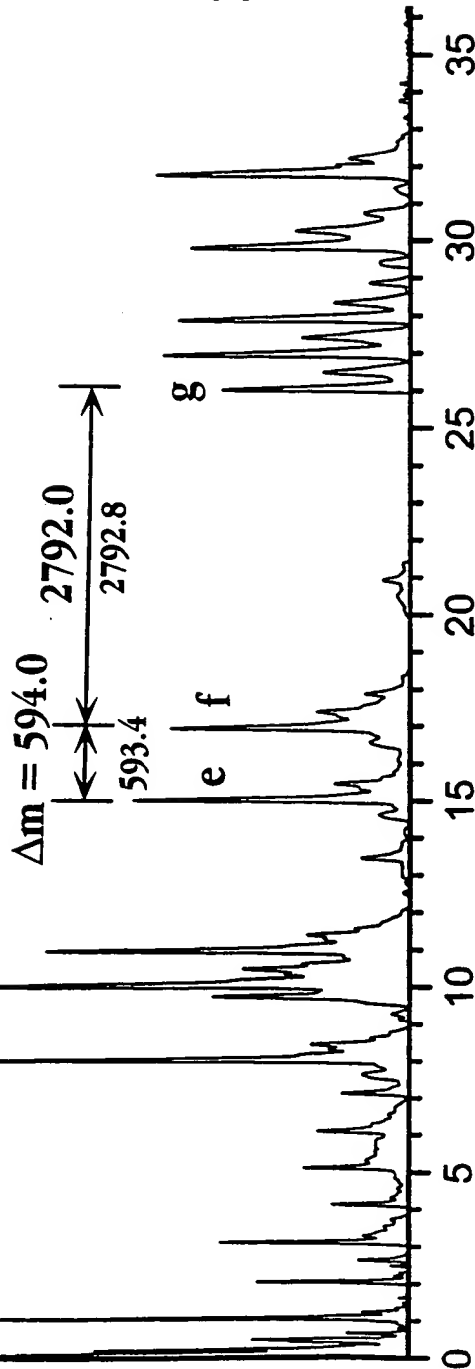
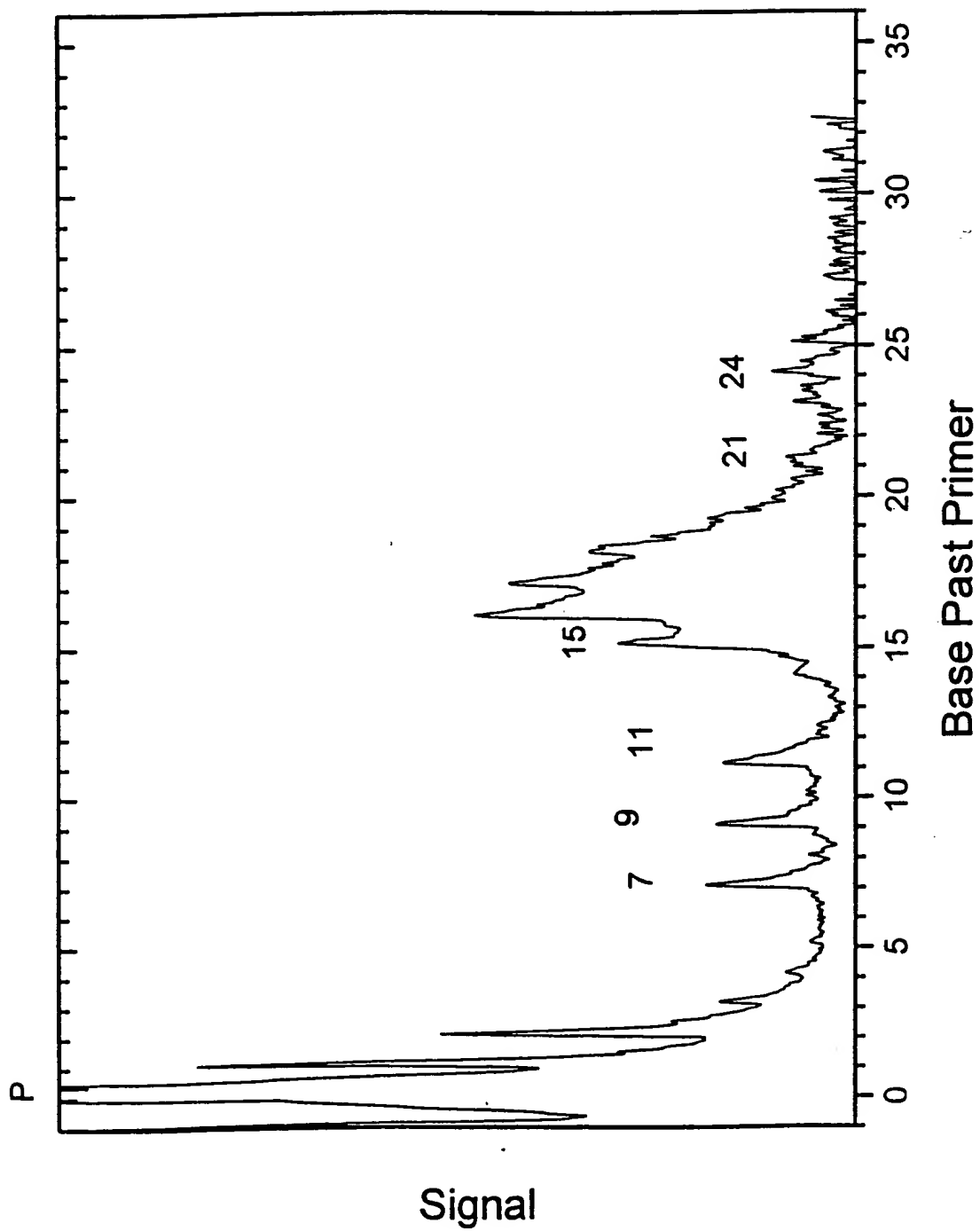


Fig. 14B

Base Past Primer

APPROVED	O.G. FIG.	
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Fig. 15A



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

865280-9862F60

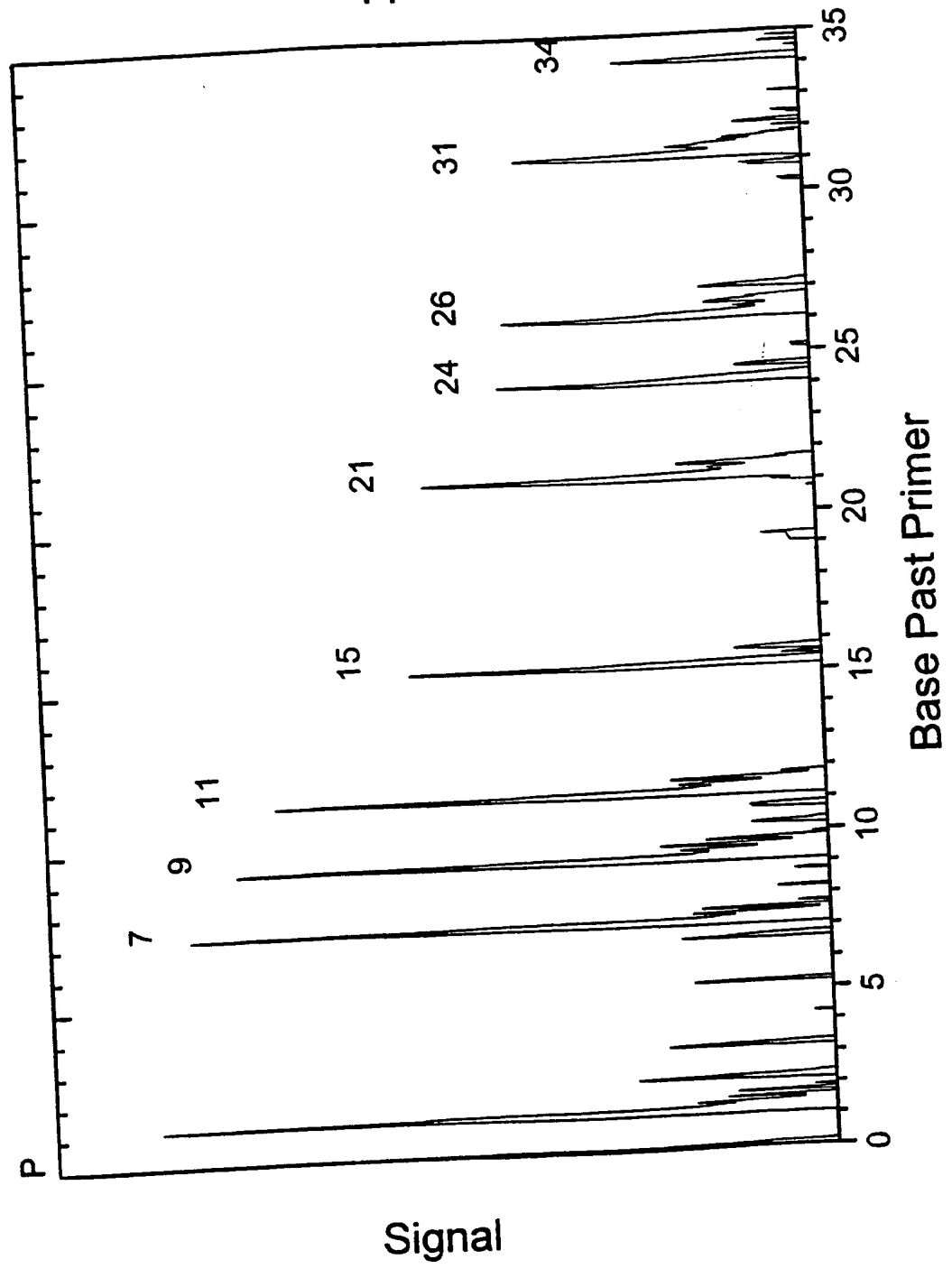


Fig. 15B

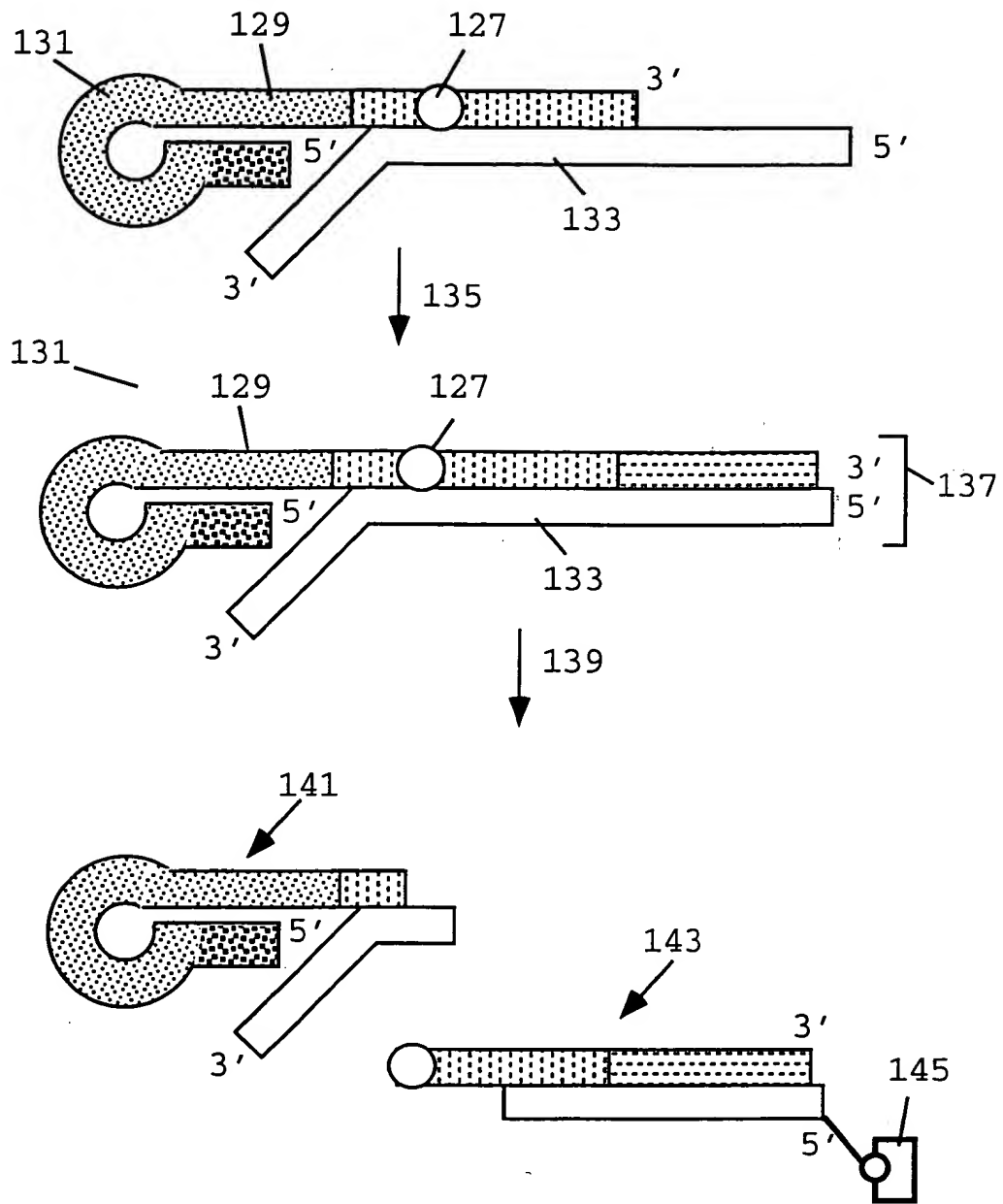


Fig. 16

